

Quiz → 5/7 → Work, Energy, Power
Problems

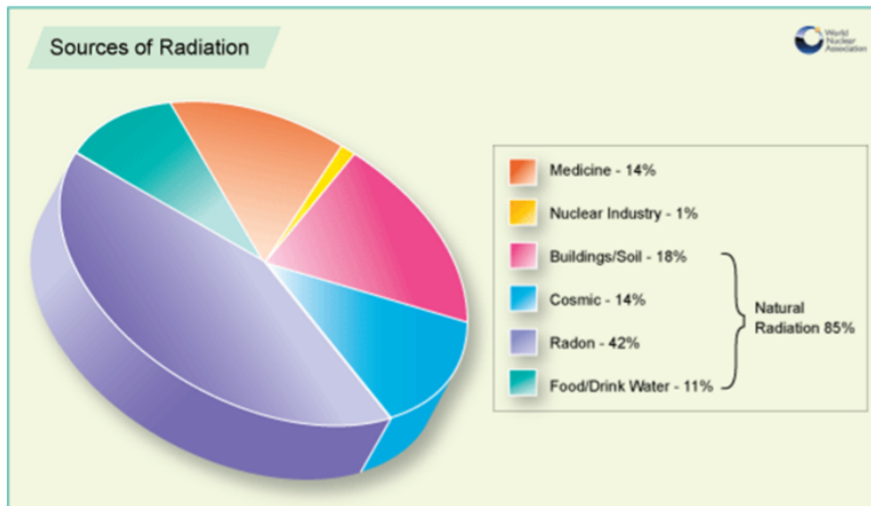
Egg Drop → Friday 5/9

Test → Monday 5/12

Fission and Fusion Part 2:

• Nuclear Radiation:

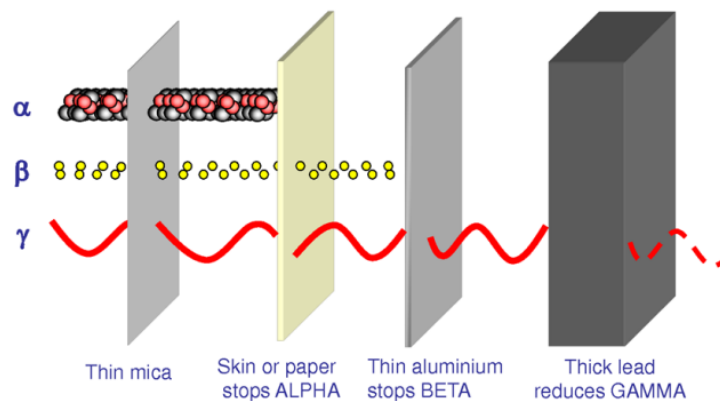
- Emission of energy or particles from an unstable, decaying atom

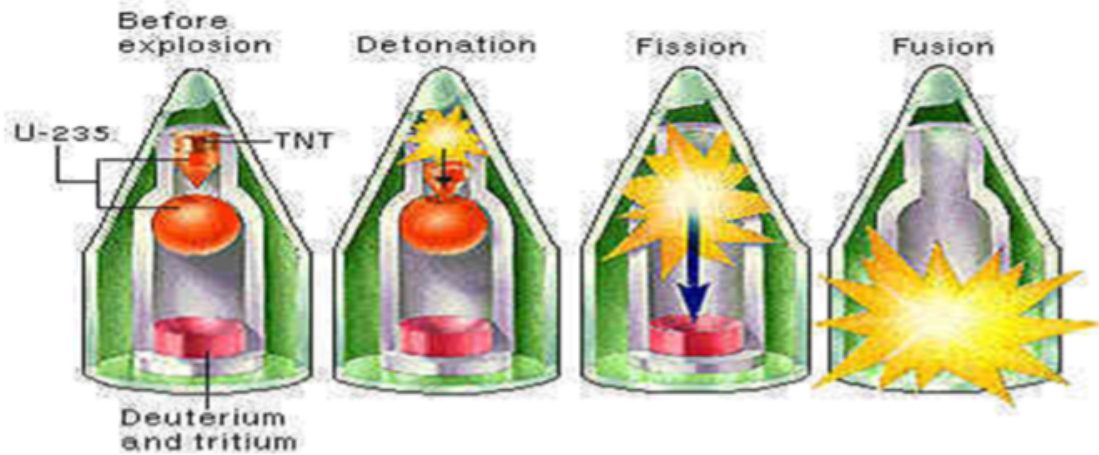


- Types

- Alpha particles \rightarrow Helium nucleus ($2p^+$, $2n^0$)
- Beta particles \rightarrow neutrons
- Gamma "particle" \rightarrow Packets of energy

The penetration power of the three types of radiation.



Explosion of a Hydrogen Bomb

- Nuclear Weapons
 - Uncontrolled nuclear reaction
 - Tremendous amount of destruction

